

# Natural History Articles in 1978

Edited by Richard L. Gulliver, Ph.D.

Compiled by Catherine Ferguson, B.Sc., Gillian Southwell, B.A., and Tom Brimelow, F.L.A.

School of Librarianship, Leeds Polytechnic.

The scope and purpose of these indices were outlined in the Spring issue of *Natural Science in Schools*. This index differs marginally in that there is more cross-referencing and a short biography section has been added. In 1978 the *Ecologist* changed its format, to the *New Ecologist* (bi-monthly) and the *Ecologist Quarterly*. For teachers with little knowledge of science or natural history *Oasis* (which in 1978 became quarterly) is especially relevant as it is very basic in its approach, and it attempts to present information in a form which is readable by middle school children. Back numbers are available (at 40p each plus 10p post and packing) from P.O. Box 237, London SE13 5QU.

CL = *Country Life*, CM = *Countryman*, CQ = *Country Quest*, FD = *The Field*, NE = *The New Ecologist*, NS = *New Scientist*, NSIS = *Natural Science in Schools*, OA = *Oasis*, VL = *Vole*, WL = *Wildlife*.

## I PLANTS

- Algal Bloom** CM. Wint. 77/78 106-109  
When the rust begins to bloom (metal pollution, lichens, and algal blooms). F. M. Slater.
- Bee-Flowers** OA. Vol 3 (1) 4-5  
Bees in the garden, honey in the cupboard (garden bee flowers). V. Mossman.
- FD. 22 mar. 496  
Plants to please bees, and others which are harmful. V. F. Lewis.
- Berries** OA. Vol. 3 (1) 10-11  
Plants for the wildlife garden, berried beauty (berries for birds in winter). E. Arter.
- Blackthorn** VL. Nov. 45  
The bitter sloe (the blackthorn, it's folklore, natural history and literature). C. Caufield.
- Bryony** FD. 20 Sep. 654  
Mandrake cycle (medicinal properties of bryony). T. H. Blank.
- Butcher's Broom** VL. Dec. 41  
Broom with a chew (butcher's broom). C. Caufield.
- Flowers** CM. Spr. 109-110  
Not for picking (picking wild flowers). B. Campbell.
- CQ. Apr. 39  
Why some wild plants have the law on their side. C. Macartney.
- Flowers Mountain** CL. 2 Mar. 552-555  
Floral mecca, Ben Lawers, Perth, Scotland (rare wild flowers and geology of this N.T.S. reserve). N. Edward.
- CL. 9 Nov. 1486-1488  
Close to nature on Ben Lui (flowers of Ben Lui, Scotland). R. A. Redfern.
- Flowers' Pollination** NSIS. Sum. 52-54  
The pollination of flowers (suggestions for project work, topics from the recent B.S.B.I. Conference). J. Richards.
- Flowers Rare** WL. Mar. 128-129  
Britain's threatened plants (photographs of our rare plants;—taken from "Britain's Rarest Plants" by E. A. Ellis, F. Perring and R. E. Randall). Article is anon.
- Fungi** VL. Sep. 36-37  
Man and mushroom (fungi; edible, unpalatable and poisonous). P. Marren.
- OA. Vol. 2 (4) 10-12  
Log life (invertebrates and fungi). M. Chinery.
- Gorse** CQ. Apr. 36  
Kind words for gorse species (growth and uses of gorse). I. Davies.
- Grassland Flowers** VL. Jun. 3.  
How green are pub meadows (species of plants growing in old grassland). R. Mabey.
- CM. Sum. 83-89  
White daisies prank the ground (photographs of grassland flowers). T. Heshall.
- See also under GARDENS GRASS
- Hawthorn** CL. 29 Jun. 1908-1911  
In praise of hawthorn. R. A. Redfern.
- Hazel** VL. Oct. 45-46  
Philibert, filbert, cobnut, hazel (folklore and use as food). C. Caufield.
- Heather** CL. 13 Apr. 1022, 1024  
Roofs gathered from nature (ling and heather thatch on Yorkshire cottages). M. Hartley.
- Lichen** see under ALGAL BLOOM
- Ling** see under HEATHER
- Moss** OA. Vol. 2 (5) 7-8  
Countryman special, mosses. M. Newcombe.
- Nettle** FD. 5 Apr. 603  
In praise of nettles (uses for food, drink, medicine, and as sailcloth). Autolytus.
- Shrubs** NSIS. Wint. 85-86  
Studying shrubs with children (project work ideas, leaf form, hedgerow dating, animal feeding signs etc.). G. Allen.
- NSIS. Sum. 42-47  
Which shrub? (a key to identifying 81 species using leaves). G. Allen.

**Trees** NS. 23 Feb. 500-502  
European tree rings and climate. M. Hughes.  
NS. 13 Apr. 72-74  
A treeless Britain (factors attacking trees). J. Elkington.  
VL. Dec. 24  
The origin of the species (introduced trees). A. Mitchell.  
**Willow** FD. 17 May 928  
On a level with willow (uses of willow for baskets and cricket bats). H. Harris.  
**Woodruff** See under GARDENS FLOWERS

## II INVERTEBRATES

**Aphid** NS. 23 Mar. 804-806  
Predicting the predations of aphids. G. Harvey.  
**Bee** VL. Jan. 22-23  
Bee's needs (life history, behaviour, keeping bees). A. Pavord.  
See also under BEE FLOWERS  
**Bee Sting** NS. 31 Aug. 618-620  
Biochemical surprise of a bee sting. G. Kreil.  
**Black Hairstreak** FD. 25 Oct. 974  
Hairstreak in hiding (habits of the black hairstreak butterfly). S. Beaufoy.  
**Brown Tailed Moth** CL. 9 Nov. 1507  
Mystery of the moth plagues (population explosion of brown tailed moths). D. Owen.  
**Butterfly** NSIS. Spr. 3-5  
Painted ladies in the suburbs (butterflies of a Leicester suburb: reprinted article). D. Owen.  
**Camberwell Beauty** CL. 16 Feb. 388  
Beauties from the East (Camberwell beauty butterfly). R. French.  
**Cobwebs** CL. 7 Dec. 1988  
Gossamer of autumn (cobwebs made by spiders, butterflies, moths; cobwebs as nesting materials). P. Radford.  
**Crab Spider** FD. 21 Jun. 1230  
Killer spiders at work (crab spiders). J. T. Hughes.  
**Damselfly** FD. 2 Aug. 293  
A flutter of the large damselflies. P. Radford.  
FD. 22 Nov. 1205-1208  
Quiver of Devil's darning needles (dragonflies and damselflies). G. Hyde.  
**Dragonfly** NS. 15 Jun. 740-741  
Derbyshire's darning needle (fossil dragonfly). P. Whalley.  
CM. Sum. 30-35  
Fountain of dragonflies (adult dragonflies emerging from a newly constructed garden pool). H. Clay.  
See also under DAMSELFLY  
**Glow-Worm** CQ. May 10-13  
Carrying a torch for the glow-worm (decline of the species). A. Wooton.  
**Horse Fly** CL. 22 June 1836  
Beware the female of the species, horse flies. M. Tweedie.

**Insects** FD. 16 Aug. 402-403  
When insects are on the defensive (protection against predators). P. Radford.  
FD. 20 Dec. 1492-1493  
Insects which click, hiss or buzz. P. Radford.  
**Invertebrates (General)** See under FUNGI,  
GARDENS-INVERTEBRATES  
**Ladybird** WL. Sep. 416-421  
Ladybird, ladybird (life and description). R. Pope.  
**Silver Y Moth** CL. 8 June 1618  
Silver Y moth, migrant extraordinary (life cycle and migrations). J. F. Burton.  
**Snail** VL. Nov. 24-25  
Just about snails (miscellaneous facts). J. Sale.  
**Spider** FD. 1 Nov. 1028-1029  
Disentangling the web of spiders (British and Foreign species, and their habits). P. Bateman.  
See also under COBWES, CRAB SPIDERS  
**Tick** WL. Aug. 347-351  
Troublesome ticks, how dangerous are they to man? R. Purnell.  
**Tiger Moth** FD. 22 Mar. 503  
Stripes and spots on tiger moths. G. E. Hyde.  
**Wasp** CL. 18 May 1412, 1415  
Striped friend or fearsome foe, wasps in house and garden. D. Owen.  
**Worm** NS. 9 Mar. 650-652  
The infinite variety of worms. M. Seymour.

## III BIRDS (BY SPECIES)

**Barn Owl** OA. Vol. 3 (1) 14  
Silent ghost of the night (barn owls) B. Hawkes.  
**Bittern** CL. 19 Oct. 1176-1177.  
The bittern's fading boom. J. C. U-Day.  
**Blackbird** FD. 23 Aug. 454.  
Setting an avian trend (song thrush and blackbird in the garden). D. A. Orton.  
**Black Redstart** OA. Vol. 2 (4) 7  
Black redstart. T. Beer.  
CL. 30 Mar. 833  
Benefited from the Blitz, black redstarts in Britain. R. Fitter.  
**Canada Goose** WL. Oct. 452-455  
Canada geese in Britain. M. Ogilvie.  
**Cetti's Warbler** CL. 2 Mar. 527  
Elusive invader, Cetti's warbler. J. F. Burton.  
**Chough** CM. Spr. 56-59  
An encounter with choughs. J. Bennett.  
CM. Aut. 161-167  
The Cornishness of choughs (the bird in history). R. Penhallurick.  
WL. Dec. 544-547  
Choughs under Snowdonia. J. L. Roberts.  
**Collared Dove** WL. Mar. 134  
Birdwatcher at large (collared dove, mimicry, and niches). B. Campbell.

- Cormorant** FD. 15 Mar. 435  
Cormorants, fisheries and the facts. D. A. Orton.
- Corncrake** CL. 13 Apr. 989-990.  
Disappearing birds of summer, summer migrants (corncrake, cuckoo, red backed shrike, wryneck). D. Tomlinson.
- Crow** CQ. May 35  
Bird quest (crows). R. Milvus.
- Cuckoo** See under CORNCRAKE
- Dipper** FD. 1 Nov. 1032  
Data on dippers (nesting habits). D. A. Orton.
- Dove** WL. Oct. 442  
Birdwatcher at large (doves, pigeons and plovers). B. Campbell.
- Dove Cotes** CM. Wint. 77/78 174-178  
The doocots of Fife (dovecots). M. Taylor.
- Eagle** CL. 14 Sep. 706-707  
Close encounters with eagles (golden eagles in the Uists, Scotland). D. Green.
- Eider Duck** FD. 10 May 858  
Eider downs and ups (numerical growth of the eider duck). I. Saberton.
- Fieldfare** FD. 2 Feb. 175-176  
Field fares, a question of protection. D. A. Orton.
- Gannet** See under BIRDS INJURIES
- Golden Plover** CL. 19 Jan. 136-137  
Gold in the hills, the golden plover (nesting, rearing young, migration). D. A. Ratcliffe.
- WL. Aug. 368-371  
Gold spangled wader (golden plover). D. Green.
- Grasshopper Warbler** See under BIRDS SONG
- Grey Partridge** FD. 26 Apr. 758-759  
Partridge nests (choice of nest site and construction by partridges). T. Blank.
- CL. 27 Jul. 238  
Partridges are superb parents (nesting behaviour of grey partridges). A. Clarkson.
- FD. 13 Sep. 599-600.  
A crumb in the partridge cycle (weather prevents the survival of partridge chicks). T. Blank.
- Gull** CL. 3 Aug. 314-315  
Gulls through the year (the four commonest gulls and kittiwakes). A. Gilpin.
- Hawfinch** FD. 19 Apr. 710  
Hum and a Ha on a haw (identification of a hawfinch). C. Blanning.
- WL. Aug. 375  
Birdwatcher at large. (lesser spotted woodpecker and hawfinch). B. Campbell.
- Hen Harrier** FD. 2 Aug. 290  
Harrier on the moor, protection of hen harriers. Anon.
- Heron** FD. 22 Mar. 495-496  
The ways of birds on river banks, heron, kingfisher, pied wagtail. D. A. Orton.
- Herring Gull** NS. 17 Aug. 456-458  
Herring gulls move into town. J. Coulson and P. Monaghan.
- Hobby** FD. 18 Oct. 908  
Hobby grows serious, conflict between a magpie and a juvenile hobby. D. A. Orton.
- House Martin** FD. 16 Aug. 405  
Trials and errors of nesting, house martins nest on garage doors. D. A. Orton.
- Jackdaw** FD. 1 Mar. 334  
Jackdaws beyond a joke (control as pests). I. Iktis.
- Kestrel** FD. 1 Mar. 333-334  
Kestrels in their city quarters. D. A. Orton.
- FD. 20 Dec. 1496  
Kestrels' team spirit (two kestrels kill a snipe). D. A. Orton.
- Kingfisher** WL. Jul. 307-311  
A kingfisher in spring. I. Beames.
- See also under HERON
- Kittiwake** WL. Jan. 34-35  
Lowestoft's kittiwakes. A. Beaumont.
- FD. 27 Dec. 1533-1534  
How the kittiwakes went to town (kittiwakes' use of unusual nesting sites and nesting materials). A. Beaumont.
- See also under GULLS.
- Lapland Bunting** FD. 6 Dec. 1373-1374  
Birds and the changing climate (Lapland bunting breeders in Britain). D. A. Orton.
- Lesser Spotted Woodpecker** See under HAWFINCH
- Magpie** See under HOBBY
- Manx Shearwater** WL. May 227-229  
Seabirds of the night (Manx Shearwater). R. Vaughan.
- Merlin** FD. 26 Jan. 141  
The merlin, a shadow on the moor, changes in land use affect revival. D. A. Orton.
- Moorhen** CL. 14 Dec. 2062-2063  
Moorhens through the winter. R. Vaughan.
- Nightingale** See under BIRDS SONG
- Nightjar** CQ. Jun. 37  
Birdquest (nightjar). R. Milvus.
- CM. Aut. 116-120  
Calling down nightjars. J. Bennett.
- Nuthatch** FD. 29 Mar. 532  
The bird that turns the tricks (nuthatches with an ability of imitation). D. A. Orton.
- Peregrine Falcon** FD. 26 Apr. 757.  
Ruling the roost on falcon rock (life of the peregrine). D. A. Orton.
- CM. Sum. 104-108  
Birdwatcher in a bikini (guarding the nest of a peregrine falcon). S. Harper.
- FD. 26 Jul. 211-212  
Good season for the vigilantes (peregrine protection in central Wales). D. A. Orton.
- Pheasant** FD. 12 Apr. 664-665  
Taking stock of the wild pheasant (wing tagging). D. Jackson.
- Pied Wagtail** See under HERON

**Pigeon** See under DOVE  
**Pink Footed Goose** CL. 4 May 1235  
 Overwhelmed by the elements (tornadoes kill pink footed geese in Norfolk in January 1978). A. Buxton.  
**Plover** See under DOVES, GOLDEN PLOVER  
**Raven** FD. 12 Apr. 673  
 The riddle of the raven's domain (life and habits of ravens). D. A. Orton.  
**Red Backed Shrike** See under CORNCRAKE  
**Redpoll** WL. Jan. 26-27  
 The redpoll explosion. K. Carlson.  
**Redshank** CM. Spr. 115-119  
 The disappearing redshank (building a nest canopy, photographs). R. Vaughan.  
**Redstart** OA. Vol. 2 (6) 8-9  
 The common redstart. T. Beer.  
 See also under BLACK REDSTART  
**Red Throated Diver** WL. Mar. 111-115  
 First light charmers (watching red throated divers). S. Craig.  
**Robin** CQ. Wint. 77/78 119-123  
 A robin in the house. M. Savionus.  
 OA. Vol 2 (4) 14-15  
 Robin redbreast (all aspects described). B. Hawkes.  
 CQ. Dec. 111-115  
 Bird quest (robin). R. Milvus.  
**Rook** NS. 29 Jun. 898-899  
 The rook in Britain, declining population (B.T.O. rook census results). B. Sage.  
**Ruddy Duck** CL. 16 Mar. 686-687  
 Stiff tailed invaders, the ruddy duck in Britain. R. Hudson.  
**Snipe (Common)** FD. 12 Jan. 53-54  
 In search of the walks and wisps (study of the common snipe at Sevenoaks, Kent). J. Swift.  
 See also under KESTREL  
**Song Thrush** See under BLACKBIRD  
**Spotted Flycatcher** FD. 15 Nov. 1143  
 Fall and rise of a flycatcher (increase in numbers of spotted flycatcher). D. A. Orton.  
**Storm Petrel** CM. Wint. 77/78 154-155  
 Seabirds underground (storm petrel photographs). R. Vaughan.  
**Tawny Owl** NS. 12 Jan. 72-74  
 Through an owl's eye (vision of the tawny owl). G. Martin.  
 See also under TAPE RECORDING, (section VII).  
**Whimbrel** CL. 10 Aug. 376-377  
 North for whimbrel (on the Shetland Isles). B. Sage.  
**Woodcock** FD. 13 Dec. 1439  
 Woodcock and the wing forward (survey of life history and habits). J. Swift.  
**Woodcock** CL. 28 Dec. 2224-2225  
 Solving the woodcock's mysteries. C. L. Coles.  
**Wren** CM. Sum. 59-61  
 Varied menu (the types of invertebrates brought to the nest by wrens, with photographs). M. Edwards.  
**Wryneck** See under CORNCRAKE

#### IV BIRDS (BY TOPIC)

**Atlas** CL. 16 Nov. 1623-1624  
 Birds among the bricks (atlas of breeding birds in London). M. Montier.  
**Censuses & Counts** CM. Wint. 77/78 86-91  
 Why count birds (various bird censuses). B. Campbell.  
 CM. Sum. 78 161-166  
 Birds in a changing village (comparison with 25 years ago for a well-wooded Berkshire parish). W. L. Smith.  
 CL. 6 Apr. 918-919  
 Bird walks at Blenheim (birds seen on a winter walk held every year since 1956). B. Campbell.  
**Courtship** CQ. Apr. 16  
 The mating season (courtship displays of birds). H. Durman.  
**Estuarine** CL. 5 Jan. 49  
 High wind on Hilbre Island (bird watching on Hilbre Island in the Dee Estuary). S. Bayliss Smith.  
 CQ. Oct. 38  
 Bird quest (birds seen at the Dovey Estuary, Dyfed). R. Milvus.  
 See also under GOLDEN PLOVER and BIRDS RESERVES  
**Flocks** WL. May 201  
 Birdwatcher at large (winter bird flocks). B. Campbell.  
 FD. 25 Oct. 973-974  
 Birds of every sort of feather (the advantages of flock feeding and colonial nesting). D. A. Orton.  
**Food** OA. Vol. 2 (4) 8-9  
 Plants for the wildlife garden, 1, grow these for their seeds (plants for seed eating birds). E. Arter.  
 See also under BERRIES  
**Gait** FD. 17 May 927  
 Hop and a strut in their stride (development of bird gait). D. A. Orton.  
**Garden** CL. 23 Feb. 464-465  
 Birds in a Sussex garden (birds colonising a new garden, 25 species mentioned including nuthatch and crossbill). D. Martin.  
 CL. 17 Aug. 456  
 Recollections of nesting birds (birds of a Cotswold garden). P. Wooton.  
**General** CM. Wint. 77/78 65-67  
 Damp humours (animals and birds of Otmoor, Oxfordshire). R. Mabey.  
 NS. 25 May 517-519  
 Birds in danger, man in danger, the natural history of vanishing birds, (worldwide). T. Halliday.  
 FD. 14 Jun. 1166  
 Safety belts for birds (trees and birds). D. A. Orton.  
 FD. 19 Jul. 139  
 Non-conformist spirit in birds. D. A. Orton.  
**Hospital** WL. Nov. 515-519  
 Birdman of Banbury (bird hospital). C. Christie.  
**Injuries** CM. Aut. 86-90  
 Gilbert the gannet (nursing bird injuries). A. W. Polden.  
**Lists** WL. Nov. 491  
 Birdwatcher at large, listmanship (published bird lists and their bird categories). B. Campbell.

**Migration** FD. 24 May 989  
Exploding a myth of bird migration. D. A. Orton.

FD. 28 Jun. 1282  
Flight of foreigners (rare birds off course, and bird protection). D. A. Orton.

FD. 13 Sep. 591-592  
As the migrants pack their bags (summer bird migrants). D. A. Orton.

CQ. Oct. 39  
Reprieve for some British songbirds (protection for migratory birds). C. Macartney.

FD. 6 Dec. 1377-1378  
Standing firm on Kent marshes (protection of migrant birds on wetlands). W. Keenett.

See also under CORNCRAKE, GOLDEN PLOVER, PINK FOOTED GEESE.

**Nesting** WL. Jul. 325  
Birdwatcher at large (nest site and nest type). B. Campbell.

FD. 13 Dec. 1453-1454  
When the birds nest in winter (prolonged autumn disrupts nesting habits). D. A. Orton.

FD. 7 Jun. 1098  
Nesting out of danger, factors which determine choice of nest site. D. A. Orton.

See also under COBWEBS, DIPPERS, GREY PARTRIDGES, HOUSE MARTINS, KITTIWAKES, PEREGRINE FALCON, REDSHANK, WREN

**Reserves** CL. 16 Feb. 378-379  
Keeping nature in check, managing bird reserves (R.S.P.B. reserves, mainly Titchwell and Minsmere). D. Tomlinson.

NS. 20 Jul. 177  
Trouble on the Ribble, conservationists in a furor over an important salt marsh. B. Bourne.

CL. 26 Oct. 1306-1308  
Avian victory on the Ribble (a new bird reserve). J. N. P. Watson.

FD. 31 May 1043-1044  
Progress at the Sevenoaks, Kent, bird reserve. J. Harrison.

See also under NATIONAL PARKS

**Road Casualties** FD. 23 Feb. 291  
Birds, the casualty list on the roads. D. A. Orton.

**Scottish** WL. Apr. 155  
Birdwatcher at large (birds of Islay in the Hebrides). B. Campbell.

See also under EAGLE, SCOTLAND, WHIMBRELS

**Seabirds** CQ. Feb. 36  
Occurrence of some species of seabirds in February (Gower Peninsula, South Wales). R. Milvus.

See also under GULLS, HERRING GULLS, KITTIWAKES, MANX SHEARWATER, STORM PETREL

**Song** FD. 8 Mar. 378-379  
Bird songs that greet the break of day (factors relating to the order of bird calls). D. A. Orton.

VL. Apr. 34-35

The pleasures of bird song (brief descriptions of habitat and songs of some common birds). R. Adams.

FD. 27 Sep. 721-722  
Birds that sing in the night (bird songs of nightingale and grasshopper warbler). D. A. Orton.

See also under SOMERSET LEVELS

**Water** WL. Sep. 422  
Birdwatcher at large (birds of Rostherne Mere, Cheshire). B. Campbell.

See also under HERON, KINGFISHER

## V MAMMALS

**Badger** OA. Vol. 2 (6) 18-19  
Our friend the badger. B. Hawkes.

CM. Wint. 77/78 54-58  
There are badgers at the bottom of our garden (badgers, vegetables, and other garden wildlife). A. S. Cleverley.

**Bat** CQ. Mar. 38  
Bats don't deserve that sinister image. C. Macartney.

**Beaver** WL. Mar. 109-111  
Bring back the beaver to Britain, Part 2, Extracts from "Three Against the Wilderness" (book) by E. Collier.

WL. Jan. 7-8  
Letters in response to Bring back the beaver to Britain, Part 1 (published 1977).

**Dolphin** WL. Jun. 258-263  
Britain's whales and dolphins, cetaceans around Britain. P. Evans.

**Field-Vole** CL. 9 Mar. 608-609  
Plagues or paucity (the fieldvole, theories relating to fluctuating populations). S. Tapper.

**Fox** WL. Jun. 272-277  
The sociable fox (social life). D. Macdonald.

WL. Jul. 320-324  
The hungry fox (food caches). D. Macdonald.

FD. 10 May 859  
Profit motive and Charles James (fur trade threatens foxes). D. A. Orton.

**Grey Seal** FD. 31 May 1047  
How the grey seals affect the fish stocks. Dabchick.

VL. Oct. 7  
Seal's fate (on culling grey seals). J. Daley.

NS. 30 Nov. 694-695  
Grey seals (culling arguments). C. Summers.

**Hare** FD. 31 May 1042  
How hares may react, evidence which belies their reputation for timidity. J. I. Lloyd.

**Hedgehog** WL. Apr. 156-160  
Oddball hedgehogs (TV-filming of life and habits). E. Bomford.

CL. 19 Oct. 1185  
A hedgehog finds a home. M. M. Stych.

CQ. Oct. 11  
Hotchie-wotchie (habits of hedgehogs). M. Barnes.

CM. Sum. 116-119

Hedgehog log (a family of hedgehogs in the garden). A. Armstrong.

NSIS. Sum. 48-50

Hedgehogs in the suburbs (territories, communal feeding, and movements). J. Perry.

**Mink** NS. 2 Mar. 560-562  
Are mink really pests in Britain (diet and competition with the otter). I. Linn and P. Chanin.

NS. 22 Jun. 812, 814

Not so innocuous mink (reply to Linn and Chanin). C. Lever.

NS. 5 Oct. 38-40

Some more on the mink menace (reply to Lever). I. Linn and P. Chanin.

FD. 5 Jul. 28

Standing up to the mink (description of the mink's ferocity). Iktis.

FD. 2 Aug. 288-289

Mink and a three course menu (diet of mink). D. A. Orton.

**Otter** FD. 12 Apr. 666

The otter's chances of survival (attempts to protect otters may be unsuccessful). J. I. Lloyd.

CQ. May 38-39

Reprieve for the otter. C. Macartney.

**Pine Martin** WL. Feb. 74-77

Private life of the pine martin. R. Balharry.

**Rabbit** CL. 29 Jun. 1912-1913

Hopping through history, rabbits over the years. G. M. Spriggs.

**Red Deer** NS. 16 Nov. 540-542

Rutting on Rhum, natural selection in red deer on a Scottish Island. R. Lewin.

**Roe Deer** FD. 19 Apr. 711

A new approach to roe deer control (effects of legal changes). R. Prior.

**Shrews** See under PONDS

**Voies** See under POND, FIELD VOLE

**Whale** See under DOLPHIN

## VI OTHER VERTEBRATES

**Adder** CL. 16 Feb. 391

Understanding the adder (watching adders in Cornwall). J. B. & S. Bottomley.

**Atlantic Salmon** FD. 15 Mar. 423-424

The Atlantic salmon in the balance, can the decline be halted? H. Mackenzie.

**Eel** WL. Feb. 82-85

Mysteries of eel migration. A. Netboy.

**Frog** OA. Vol. 2 (4) 10-11

Frogs and Toads. R. D. M. Cleaver.

CM. Wint. 77/78 148-150

Frogs in the fishpond. B. Campbell.

CQ. Jun. 39

Natterjack toad, newts, frogs, snakes, (decline). C. Macartney.

**Matterjack Toad**

WL. Apr. 174-179

Commerce v. Conservation in Lancashire sand dunes. (natterjack toad and sand lizard site). T. Beebee.

See also under FROG

**Newt**

FD. 26 Apr. 755

Dragons without the bite and fire, facts and fiction on the triton (great crested newt). A. Allen.

See also under FROG

**Sand Lizard**

See under NATTERJACK TOAD

**Snake**

See under FROG

**Toad**

See under FROG

**Trout**

FD. 15 Mar. 425-426

Waters for the wild brown trout (encouraging fish life in the Kennett River). D. Macer Wright.

## VII GENERAL

**Agriculture**

CL. 9 Mar. 602-604

Too many cooks spoil the land (proposal for one government department for agriculture, forestry, wildlife etc.). J. Douglas. Letters 20 Apr. 1084; 27 Apr. 1164.

**Animal Groups**

NS. 26 Jan. 212-214

Why animals form groups. C. Berman.

**Animal Identification** CM. Apr. 125-128

The nature of the question (identifying mystery animals, invertebrates, and sea life). S. Turk.

**Animal Introductions** CM. Spr. 112-113

A share of the water (animal introductions). B. Campbell.

**Animal Markings** NS. 19 Oct. 182-183

Decorative patterns and the evolution of art appreciation (animal pattern signals). A. Zahavi.

**B.B.C.** VL. Sep. 27-30

B.B.C. T.V. Bristol (B.B.C. Natural History Unit). M. Allaby.

**Biological Clocks** NS. 5 Oct. 10-13

Chemical clocks, a clue to biological rhythms. A. Winfree.

**Caves** NS. 27 Sep. 868-869

Caves in camera (photographs of British cave life). R. Pearce.

**China Clay Workings** NS. 5 Jan. 13-15

Reclaiming the Cornish moonscape (china clay workings). J. Elkington.

**Climate** NS. 19 Jan. 146-148

Cold winters and the economy (climate in Britain). W. Burroughs.

See also under BIRDS NESTING, GREY PARTRIDGE, ICE AGES, LAPLAND BUNTING, PINK FOOTED GEESE,

TREES, WEATHER

**Coverts** FD. 19 Jan. 105

Financial aid for small woods and coverts (Government aid to habitats for game and wildlife). P. Downing.

**Derelict Land** CM. Aut. 97-101

Frontier behind us (wildlife of derelict land). B. Campbell.

**Ecology** NS. 12 Jan. 84-86

Pickering's formula for the needs of man and nature (ecology). P. Marsh.



- Exmoor** CL. 29 Jun. 1874-1875  
Exmoor's vanishing wilderness (plants and animals today, no comparison with past populations). J. F. Burton.
- Forestry** FD. 19 Jan. 94  
Seeking land to plant (relationships between the economics of sheep farming and forestry). R. Sangster.  
NE. Jul./Aug. 121-124  
Forestry and the community. L. Roche.
- Fossils** See under AGRICULTURE  
NS. 30 Nov. 678-679  
First of the vertebrates (fossils). R. Jeffries.  
See under DRAGONFLY
- Gardens and Wildlife**  
NOTE—all garden entries are devoted to the natural history of gardens.  
See under BADGER
- Gardens Badger** See under BADGER
- Gardens Bee-Flowers** See under BEE-FLOWERS
- Gardens Birds**  
See under BERRIES, BIRDS FOOD, BIRDS GARDEN, BLACKBIRD
- Gardens Disabled** OA. Vol. 2 (4) 2-4  
The wildlife garden, a series on its construction and care, Part II, wildlife gardening for the disabled. K. Stroud.
- Gardens Dragonflies** See under DRAGONFLIES
- Gardens Flowers** OA. Vol. 2 (6) 7-8  
Plants for the wildlife garden, night scented flowers. E. Arter.  
OA. Vol. 2 (6) 2-4  
The wildlife garden, a series on its construction and care, Part 12, a wildflower specimen bed. K. Stroud.  
CL. 16 Mar. 684-685  
Living heritage worth conserving, growing native plants in the garden. W. Ingwersen.  
FD. 17 May 912-913  
Garden favourites from the wild, help for wild flowers which may be endangered. L. Benjamin.  
CM. Sum. 125-127  
Scent from the past, virtues of growing sweet woodruff in the garden. P. Stott.
- Gardens Grass** OA. Vol. 2 (4) 2-3  
The wildlife garden, a series on its construction and care, Part 10, grass. K. Stroud.  
OA. Vol. 2 (5) 9  
A plea for long grass (in the garden). A. Cryer.  
OA. Vol. 3. (1) 17-19  
Conservation gardens for schools, grassland diversification. P. Wathern.
- Gardens Hedgehog** See under HEDGEHOG
- Gardens Improvements** OA. Vol. 3 (1) 2-4  
The wildlife garden, a series on its construction and care, Part 13, improving an established site, Part 1. K. Stroud.
- Gardens Invertebrates** OA. Vol. 2 (5) 12-13  
Alternative pest control (using herbs). J. Griffith Jones.  
OA. Vol. 3 (1) 6-8  
Garden friends and foes (invertebrates). J. Griffith Jones.  
FD. 30 Aug. 495
- Greedy garden visitors (caterpillars, sawfly larvae).** D. Macer-Wright.
- Gardens Pond** OA. Vol. 2 (4) 17-19  
Conservation gardens for schools, a school pond, Part 1, construction. J. Mathias.  
OA. Vol. 2 (5) 18-19  
Conservation gardens for schools, a school pond, Part 2, stocking and use. J. Mathias.
- Gardens School** CM. Sum. 67-73  
Education for life (improving the environs of a newly constructed infant school). W. Brooks.  
See also under GARDENS GRASS, GARDENS POND
- Gardens Sites Devon** OA. Vol. 3 (1) 14  
Other people's gardens, Tawside, Barnstaple, Devon. R. Beer.
- Gardens Sites N. Yorks** OA. Vol. 2 (6) 4-5  
Other people's gardens, a wild garden in N. Yorkshire. C. Hood.
- Gardens Sites Sussex** OA. Vol. 2 (4) 8-9  
Other people's gardens, Brighton, Sussex (birds and animals listed). R. Musselle.
- Hebrides** See BIRDS SCOTTISH
- Ice Ages** NS. 7 Dec. 776-777  
Ice ages and continental drift. C. Beatty.
- Interpretive Centre** CL. 21 Sep. 829, 831  
Microcosm of Lakeland (the Brockholes Interpretive Centre at Windermere). J. N. P. Watson.
- Lundy Island** FD. 29 Mar. 530-531  
Lundy Island after the takeover, National Trust property revisited. P. Carne.
- Markings** See under ANIMAL MARKINGS
- Marshes** CL. 28 Dec. 2204-2205  
A district's wildlife scapegoat (reed beds and marshes at Pitsea under threat). J. N. P. Watson.
- Marshes** See under BIRDS MIGRATION, BIRDS WATER
- Migration** NS. 16 Nov. 526-528  
Demystifying vertebrate migration (précis of "the Evolutionary Ecology of Animal Migration" by R. Baker). R. Baker.
- Migration** See under BIRDS MIGRATION, CAMBERWELL BEAUTY, CORNCRACK, EEL, SILVER Y MOTH
- Mimicry** See under COLLARED DOVE
- Minsmere** See under BIRDS RESERVES
- National Parks** VL Sep. 12-13  
Good news from the Ribble (government policy on national parks and conservation). C. Hall.
- Nature Conservation** CL. 5 Oct. 1040  
Conserving our vulnerable fauna (rarity and conservation). Earl of Cranbrook.  
NS. 9 Mar. 644-645  
By courtesy of man (conservation). A. Harcourt and K. Stewart.  
FD. 12 Apr. 708-709  
Wildlife and farming in balance, food production v. conservation. G. Mills.  
CQ. May 32-33

Heritage under threat (conservancy in West Wales). B. John.

CM. Sum. 74-79

Nature's national watchdogs (the work of the N.C.C.) B. Campbell.

See also under NATIONAL PARKS

**Nature Reserve** CQ. Jun. 33  
Anglesey's nature reserves. J. Nettleship.

**Nature Reserve** CL. 20 Jul. 154-155  
Spurn Head, Humberside, a growing nature reserve. D. Severn. Letters 16 Nov. 1613, 1614.

CL. 7 Sep. 628-630

Nature reserve in the suburbs, (Adel Dam nr. Leeds). A. Gilpin.

See also under BIRD RESERVES, FLOWERS MOUNTAIN, MARSHES, RAILWAY RESERVE

**Niches** See under COLLARED DOVE

**Norfolk Broads** VL. May 36-38  
Muddy waters (effect on wildlife of pollution in the Norfolk Broads). J. Burgess.

**Pollution** CL. 21 Sep. 855-856  
Villain or victim (pollution and the farmer). P. Bell.

See also under ALGAL BLOOMS, NORFOLK BROADS

**Ponds** FD. 1 Mar. 328-329  
On the level with water rats (voles and shrews in ponds and rivers). R. Perry.

**Ponds** CL. 28 Sep. 924  
Window on a world of water (small pond life). N. Brown.

See also under DAMSELFLIES, DRAGONFLIES, FROG, GARDENS PONDS

**Railway reserve** CL. 21 Dec. 2180-2181  
Fighting for the thin green line (railway park-land walk in North London). T. Ades.

**Reed Beds** See under MARSHES

**Refuse Tips** CL. 22 Jun. 1796-1797  
An expanding waste line, problems of waste tips (their plant and animal life). A. Darlington.

**Schools** See under GARDENS SCHOOLS, TEACHING NATURAL HISTORY

**Scotland** CM. Aut. 148-152  
Caledonian special (natural history of South-West Scotland). B. Campbell.

See also under BIRDS SCOTTISH, EAGLE, FLOWERS MOUNTAIN, GREY SEAL, RED DEER, WHIMBREL

**Sea Coast** VL. Jun. 38-39  
A walk on the wild side (descriptive walk on the Pembrokeshire Cliff Path). J. Barrett.

CL. 31 Aug. 556-557

Exotics on a Kentish beach (native and introduced sea-shore plants). A. Paterson.

**Seacoast** See under NATTERJACK TOAD

**Somerset Levels** CL. 31 Aug. 568-569  
Summer song on the levels (birds of the Somerset Levels). R. Williams.

see also under WILLOW

**Summer** OA. Vol. 2 (6) 12-13

Countryman (the countryside in summer). M. Newcombe.

**Tape Recording** CL. 2 Feb. 258-259

Hoots in the house (recording the calls of tawny owls, and watching the young being reared). B. Jackson.

**Teaching Natural History** NSIS. Spr. 11-14

Origins of the nature study movement (development of the teaching of natural history in schools c.1864-c.1919). J. W. Bainbridge.

NSIS. Wint. 77-78

Trends in the teaching of nature study (influence of national developments on teaching). E. A. Lewis.

NSIS. Wint. 79-82

Origins of the School Natural Science Society (history 1903-1963, mainly on the early years). V. Gregory.

**Tornadoes** See under PINK FOOTED GEESE

**Weather** NSIS. Spr. 16-19

Approach to weather studies (classroom activities to show basic principles). L. Morris.

See also under CLIMATE

## IX BIOGRAPHY

**Linnaeus** CL. 5 Jan. 24-25

Linnaeus, the complete naturalist (biography). W. Blunt.

**Ormerod** CL. 16 Feb. 376

Early war on insect pests (biography of Eleanor Ormerod, economic entomologist 1828-1901). B. Howe.

**Stearn** NS. 10 Aug. 410-412

William Stearn, botanist (biography). S. Festing.

**Williamson** CM. Wint. 77/78 97-105

Seeking the simple life (a biography of Henry Williamson). G. Seal.

## Natural History Articles in 1977

Reprints of this index can be  
obtained for 60p (post free)  
from

**Dr. Gulliver,  
11 Minister Ave,  
Huntington, York**



